

Email: ddum@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0095 row: B column: 09
 Seq primer: CACACAGGAACACGCTATGACC
 Class: Plasmid ends
 High quality sequence stop: 49.

FEATURES

Location/Qualifiers
 1..49
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGGCM005B09"
 /sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

ORIGIN

Query Match 100.0%; Score 11; DB 28; Length 49;
 Best Local Similarity 100.0%; Pred. No. 5e+04;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATCTCAGCCTC 11
 |||||
 Db 34 ATCTCAGCCTC 44

RESULT 2

H85558 65 bp mRNA linear EST 14-NOV-1995
 LOCUS Y890303.s1 Soares retina N2b5HR Homo sapiens cDNA clone
 DEFINITION IMAGE:222029 3', similar to gb|U14852|QLSLR7LA Quail 7S L (rRNA);
 gb|X02067 H.sapiens mRNA for 7SL RNA pseudogene (HUMAN)), mRNA
 sequence.
 ACCESSION H85558.1 GI:1064633
 VERSION H85558.1
 KEYWORDS EST.
 SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 65)
 AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
 Parsons, J., Rifkin, B., Rohlfing, T., Soares, M., Tan, F.,
 Trivaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
 Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL

COMMENT Unpublished (1995)
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810

Email: est@watson.wustl.edu
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Insert Length: 888 Std Error: 0.00
 Seq primer: Promega -21ml3
 High quality sequence stop: 1.

FEATURES

Location/Qualifiers
 1..65
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:3850790"
 /db_xref="taxon:9606"
 /clone="IMAGE:222029"
 /sex="male"
 /tissue_type="retina"
 /dev_stage="55 year old"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares retina N2b5HR"
 /note="Organ: eye; Vector: pT7T3D (Pharmacia) with a
 modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
 strand cDNA was primed with a Not I - oligo(dT) primer [5'
 TGTTACCAATCTGAGTGGAGCGCGCGCTTTTCTTTTCTTTT 3'],
 double-stranded cDNA was size selected, ligated to Eco RI
 adaptors (Pharmacia), digested with Not I and cloned into
 the Not I and Eco RI sites of a modified pT7T3 vector
 (Pharmacia). The retinas were obtained from a 55 year old
 Caucasian and total cellular poly(A)+ RNA was extracted 6
 hrs after their removal. The retina RNA was kindly
 provided by Roderick R. McInnes M.D. Ph.D. from the
 University of Toronto. Library constructed by Bento
 Soares and M.Fatima Ronaldo."

ORIGIN

Query Match 100.0%; Score 11; DB 14; Length 65;
 Best Local Similarity 100.0%; Pred. No. 5.6e+04;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATCTCAGCCTC 11
 |||||
 Db 33 ATCTCAGCCTC 43

RESULT 3

EG061102/c 75 bp mRNA linear EST 08-MAY-2003
 LOCUS L0902E06-5 NIA Mouse Newborn Kidney cDNA Library (Long) Mus
 DEFINITION musculus cDNA clone L0902E06 5', mRNA sequence.
 ACCESSION EG061102
 VERSION EG061102.1 GI:12530256
 KEYWORDS EST.
 SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 (bases 1 to 75)
 AUTHORS Piao, Y., Ko, N.T., Lim, M.K. and Ko, M.S.H.
 TITLE Construction of long-transcript enriched cDNA libraries from
 submicrogram amounts of total RNAs by a universal PCR amplification
 method
 JOURNAL Genome Res. 11 (9), 1553-1558 (2001)
 MEDLINE 21429098
 PUBMED 11544199

COMMENT Contact: George J. Kargul

Laboratory of Genetics
 National Institute on Aging/National Institutes of Health
 333 Cassell Drive, Suite 4000, Baltimore, MD 21224-6820, USA
 Email: cdna@gsun.grc.nia.nih.gov
 niaEST (http://lgsun.grc.nia.nih.gov/cDNA/cDNA.html)
 Plate: L0902 row: E column: 06